

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
25 August 2005 (25.08.2005)

PCT

(10) International Publication Number
WO 2005/077740 A1

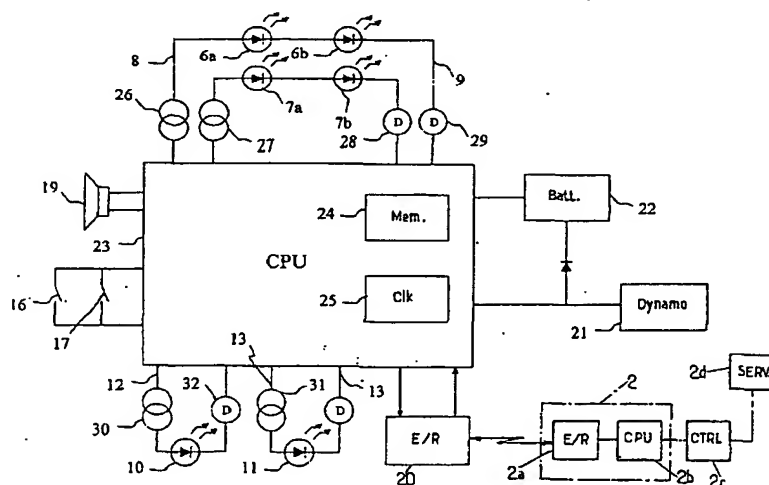
- (51) International Patent Classification⁷: B62J 6/00, (72) Inventors; and
B60Q 11/00, G07B 15/00, B62H 5/20 (75) Inventors/Applicants (for US only): LE GARS, Jacques [FR/FR]; 16, rue Pré Joli, F-78950 Gambais (FR). LAMY, Jean-Claude [FR/FR]; 11, allée des Glycines, F-92500 Reuil Malmaison (FR). DARRAS, Jacques [FR/FR]; 20, rue Pasteur, F-78120 Rambouillet (FR). TAVERNIER, Patrick [FR/FR]; 3, rue Maurice Bertheaux, F-78410 Bouafle (FR).
- (21) International Application Number: PCT/FR2005/000316
- (22) International Filing Date: 10 February 2005 (10.02.2005)
- (25) Filing Language: French
- (26) Publication Language: French
- (30) Priority Data: 04/01,290 10 February 2004 (10.02.2004) FR
- (74) Agents: BURBAUD, Eric, etc.; 64/67, rue de la Victoire, F-75440 Paris Cedex 09 (FR).
- (81) Designated states (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN,
- (71) Applicant (for all designated States except US): JCDECAUX S.A. [FR/FR]; 17, rue Soyer, F-92200 Neuilly sur Seine (FR).

[continued on next page]

As printed

(54) Title: BICYCLE PROVIDED WITH AN ON-BOARD CONTROL SYSTEM AND AUTOMATIC RENTAL SYSTEM COMPRISING SAID BICYCLES

(54) Titre : BICYCLETTE MUNIE D'UN SYSTEME DE CONTROLE EMBARQUE ET SYSTEME AUTOMATIQUE DE LOCATION COMPRENANT DE TELLES BICYCLETTES



WO 2005/077740 A1

(57) Abstract: A bicycle (1) fitted with an on-board control system (23) which is adapted in such a way that it can control the state of a functional element (6a, 6b, 7a, 7b; 10, 11; 14, 15; 21, 22) of the bicycle, in order to detect an error in the operation of said functional element and in order to signal said error.

[continued on next page]

IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

- (84) **Designated states** (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

- of inventorship (Rule 4.17(iv)) for the following designation US

Published:

- with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.